

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9589	heterodyn\$	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:28
L2	735764	interfer\$	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:28
L3	1078756	phase	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:04
L4	26422	frequency shift\$	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:29
L5	1459	1 and 2 and 3 and 4	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:18
L6	138	1 same 2 same 3 same 4	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:05
L7	43	6 and 356/484-490.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:18
L8	44	6 and "356"/\$.ccls. not 7	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:10
L9	51	6 not (7 or 8)	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:10
L10	664	1 same 2 and 3 and 4	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:14
L11	526	10 not 6	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:14
L12	135	11 and 356/484-490.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:17
L13	20562	wavefront or wave-front or wave front	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:29
L14	263	1 and 2 and 3 and 4 and 13	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:18
L15	179	14 not (6 or 12)	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:18
L16	5	15 and 356/484-490.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:19
L17	66	15 and "356"/\$.ccls. not 16	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:22
L18	11	15 and "250"/\$.ccls. not (17 or 16)	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:23
L19	0	15 and "355"/\$.ccls. not (17 or 16 or 18)	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:23
L20	97	15 not (17 or 16 or 18)	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:25
L21	1007	5 not (6 or 12 or 14)	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:26
L22	32	21 and weapon	US-PGPUB; USPAT	ADJ	ON	2006/01/13 08:26

L23	1676	heterodyn\$	EPO; JPO; IBM_TDB	ADJ	ON	2006/01/13 08:28
L24	84362	interfer\$	EPO; JPO; IBM_TDB	ADJ	ON	2006/01/13 08:28
L25	302379	phase	EPO; JPO; IBM_TDB	ADJ	ON	2006/01/13 08:28
L26	2968	frequency shift\$	EPO; JPO; IBM_TDB	ADJ	ON	2006/01/13 08:29
L27	2684	wavefront or wave-front or wave front	EPO; JPO; IBM_TDB	ADJ	ON	2006/01/13 08:29
L28	22	23 and 24 and 25 and 26	EPO; JPO; IBM_TDB	ADJ	ON	2006/01/13 08:29

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Sinusoidal **phase** modulating interferometry for surface profile measurement

O Sasaki, H Okazaki - 1986 - [ao.osa.org](#)

... 1. R. Crane, "**Interference Phase** Measurement," Appl. ... and DJ Brangaccio, "Digital **Wavefront** Measuring Interferometer ... Real-Time Digital **Heterodyne** Interferometry ...

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Diode laser direct modulation **heterodyne** interferometer

K Tatsuno, Y Tsunoda - Applied Optics, 1987 - [ao.osa.org](#)

... wave moves from the initial **phase** position ... As a result, the **interference** fringe pattern scans by ... In this diode laser **heterodyne** interferometer, the **interference** ...

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Heterodyne interferometry with a **frequency**-modulated laser diode

J Chen, Y Ishii, K Murata - 1988 - [ao.osa.org](#)

... optical system and for locating the **interference** fringes ... and Results Using this digital **heterodyne** interferometer, some ... As an another example, the **phase** step on ...

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New common-path **phase** shifting interferometer using a polarization technique

H Kadono, N Takai, T Asakura - Appl. Opt, 1987 - [ao.osa.org](#)

... also been reported for both **heterodyne** and **phase** ... subsection, we have outlined the **phase** shift- ing interferometer, in which the **interference** pattern is ...

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Phase shifting interferometry in the presence of vibration- A new algorithm and system

P WIZINOWICH - Applied Optics, 1990 - [aoot.osa.org](#)

... sys- tem.' 1 The observed **interference** pattern was ... incorrect **phase** shifts, nonlinear **phase** shifts, detection ... **Heterodyne** interferometer systems are, in addition ...

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... laser to Doppler-broadened spectrum of iodine molecules utilizing an acousto-optic **frequency shifter**

S Yokoyama, T Yokoyama, T Araki, T Hayashi, N ... - Measurement Science and Technology, 1998 - [iop.org](#)

... detected as an in-**phase** component of **heterodyne** beat signal ... of the **phase** change of the **interference** fringe ... **frequency** value (ν) determined by the **phase** change is ...

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A Deformable Mirror-Based Optical Beamforming System for Phased Array Antennas

I INTRODUCTION - [ieeexplore.ieee.org](#)

... weight, lower loss, and immunity to **interference**. ... As a con- sequence, the **heterodyne** system described in ... Computerized **Phase** Control 5ignain Mirrored **Frequency** ...

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New Variable **Phase Shifter** Array using Resonator with Graded Reflectivity Mirror for Smgle-Conrol

BB Dingel, M Izutsu, I Introduction - [ieeexplore.ieee.org](#)

... 2 "] . (8) This **heterodyne** module performs ... the multiple-reflection **interference** effect inside a ... Voltage-Controlled Optical **Phase Shifter**", J. Lightwave ...

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Shearing **heterodyne** interferometry using acoustooptic light modulators.